State of California
AIR RESOURCES BOARD

Executive Order G-70-128

Certification of Bryant Fuel Systems
Aboveground Tank Filling/Dispensing
Vapor Recovery System

WHEREAS, the Air Resources Board (the "Board") has established, pursuant to Sections 39600, 39601, and 41954 of the Health and Safety Code, certification procedures for systems designed for the control of gasoline vapor emissions displaced during the filling of storage tanks at service stations ("Stage I vapor recovery systems") and for the control of gasoline vapor emissions from motor vehicle fueling operations ("Phase II vapor recovery systems") in its "Certification Procedures for Gasoline Vapor Recovery Systems at Service Stations" as last amended December 4, 1981 (the "Certification Procedures"), incorporated by reference in Section 94001 of Title 17, California Administrative Code;

WHEREAS, the Board has established, pursuant to Sections 39600, 39601. and 41954 of the Health and Safety Code, test procedures for determining compliance of Phase I and Phase II vapor recovery systems with emission standards in its "Test Procedures for Determining the Efficiency of Gasoline vapor Recovery Systems at Service Stations" as last amended September 1, 1982 (the "Test Procedures"), incorporated by reference in Section 94000 of Title 17, California Administrative Code;

WHEREAS, Bryant Fuel Systems has applied for certification of an aboveground gasoline tank for vacuum assisted Phase I and Phase II operation;

WHEREAS, Section VIII-A of the Certification Procedures provides that the Executive Officer shall issue an order of certification if he or she determines that a vapor recovery system conforms to all of the requirements set forth in Sections I through VII; and

WHEREAS, I find that the Bryant Fuel Systems aboveground gasoline tank system, when used with ARB certified Phase I and Phase II vapor recovery components and the certified Hirt vacuum assisted thermal oxidizer vapor processing system conforms with all the requirements set forth in Sections I through VII of the Certification Procedures;

NOW, THEREFORE, IT IS HEREBY ORDERED that this certification applies to the Bryant Fuel Systems aboveground gasoline tanks of 12,000 gallons or less capacity. The system certified hereby is shown in Exhibit 1 attached. Air Resources Board certified Phase I components from Exhibits 1 thru 3 of Executive Order G-70-97-A are to be used for Phase I operations. Certified Phase II components from Executive Order G-70 series are to be used when the system is configered for Phase II operations.

IT IS FURTHERED ORDERED that any emergency vent installed on the tanks be leak free at the operating pressure of the tank when tested in accordance with ARB Method 2-6, "Test Procedures for Gasoline Vapor Leak Detection Using Combustible Gas Detector" as last amended September 1, 1982 (the "Test Procedures"), incorporated by reference in Section 94000 of Title 17, California Administrative Code.

IT IS FURTHER ORDERED that the threaded stem normally used with the Bobtail truck bulk delivery nozzle be replaced with an OPW 1611 A adaptor along with an OPW 1711 D coupler (or an equivalent arrangement that allows for no leakage of gasoline) to connect the Bobtail truck bulk delivery nozzle with the storage tank fill during transfer of gasoline from the delivery truck to the storage tank. An OPW 633 A or 633 F adaptor coupled with 633 B or 633 D adaptors or equivalent may be used for interchangeability of the nozzle stem and 1711 D coupler.

IT IS FURTHER ORDERED that compliance with the rules and regulations of the local air pollution control district and local fire officials with jurisdiction where the installed system is located, shall be made a condition of this certification.

IT IS FURTHER ORDERED that the use of a PV valve shall require the prior approval of the local fire chief, and that the tanks and piping shall comply with the appropriate General Industry Safety Orders and in particular the provisions of articles 144, 145, and 146 thereof.

IT IS FURTHER ORDERED that compliance with all applicable certification requirements and rules and regulations of the Division of Measurement Standards, the Office of the State Fire Marshal, and the Division of Occupational Safety and Health of the Department of Industrial Relations shall be made a condition of this certification.

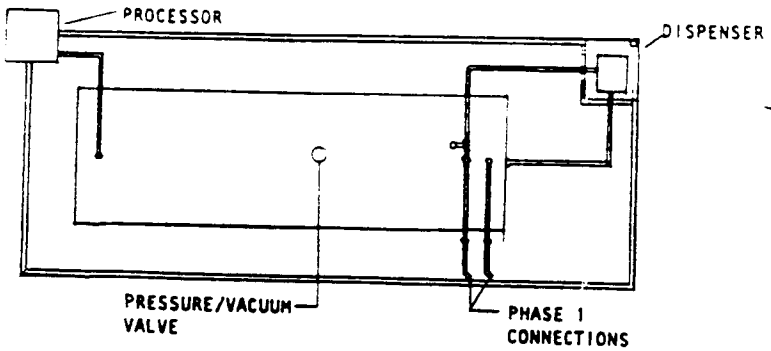
IT IS FURTHER ORDERED that any alteration of the equipment, parts, design, or operation of the configurations certified hereby, is prohibited, and deemed inconsistent with this certification, unless such alteration has been approved by the undersigned or the Executive Officer's designee.

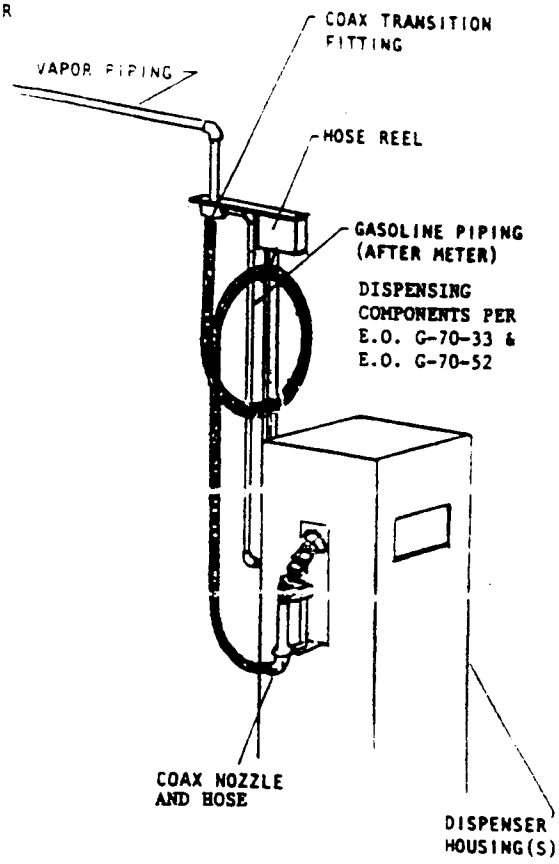
Executed this 27th day of August 1990, at Sacramento, California.

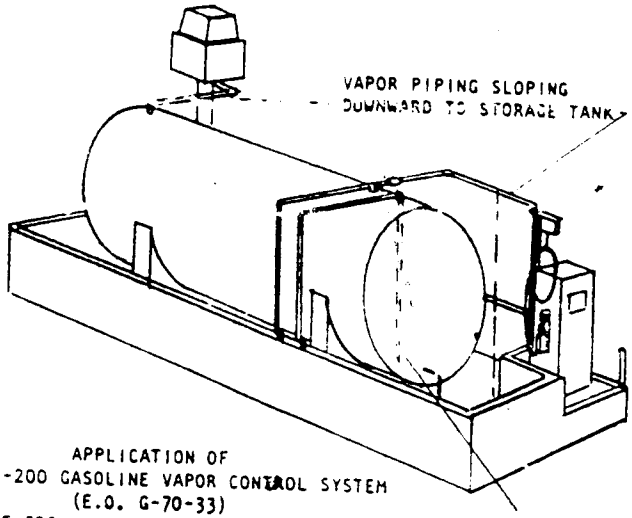
James D. Boyd
Executive Officer

Exhibit 1

Executive Order G-70-128







APPLICATION OF
HIRT VCS-200 GASOLINE VAPOR CONTROL SYSTEM
(E.O. G-70-33)
TO ABOVE GROUND STORAGE TANKS IN GENERAL
AND THE BRYANT FUEL SYSTEMS TANKS IN PARTICULAR

Notes:

See Executive Order G-70-97-A (Exhibits 1,2 & 3) for listing of ARB certified Phase I two-point and coaxial vapor recovery equipment and pressure/vacuum valves for storage tanks.

See Executive Order G-70 series for ARB certified Phase II vapor recovery equipment.